



**US Army Corps
of Engineers®**
Philadelphia District

News Release

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— FOR IMMEDIATE RELEASE —

Army Corps dams and levees within Delaware River Basin have prevented \$72 million in damages since September

Philadelphia (April 12, 2005): The U.S. Army Corps of Engineers today announced that its flood control projects have now prevented approximately \$72 million in cumulative flood damages that would otherwise have resulted from Tropical Depression Ivan and the most recent spring floods within the Delaware River Basin.

Incorporating hydrographic and demographic data into an economic forecasting model, every year the Corps' Philadelphia District calculates "damages prevented" for seven federally constructed flood control projects: five Corps-run dams and two levee systems now maintained by local authorities in Allentown and Bethlehem.

The result is a conservative estimate of the additional financial cost that would have been incurred had these projects never been built.

In the following list of figures, note that the benefits from the past seven months comprise more than half the lifetime total for the Allentown levee and General Edgar Jadwin Dam, and close to a fourth for all projects combined.

(All figures are expressed at equivalent April 2005 price levels.)

Flood Control Project	1st Year	Watershed	Damages Prevented (MILLIONS OF DOLLARS)			
			(Ivan) Sep. 18-19, 2004	Mar. 28-29 & Apr. 2-3, 2005	Combined Total	Cumulative Lifetime thru Apr. 3, 2005
F. E. Walter Dam	1961	Lehigh	15.3	6.2	21.5	139.3
Beltzville Lake	1972	Lehigh	7.8	0.9	8.7	20.4
Allentown Levee	1960	Lehigh	18.1	9.3	27.4	48.4
Bethlehem Levee	1964	Lehigh	1.5	0.6	2.1	19.9
Blue Marsh Lake	1978	Schuylkill	2.0	0.4	2.4	42.4
Prompton Lake	1960	Lackawaxen	2.2	0.1	2.3	12.0
Jadwin Dam	1960	Lackawaxen	5.1	2.8	7.9	14.6
TOTAL			52.0	20.2	72.3	297.0